

POTAIN®

by **Manitowoc**



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MR 608

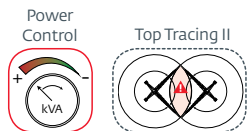
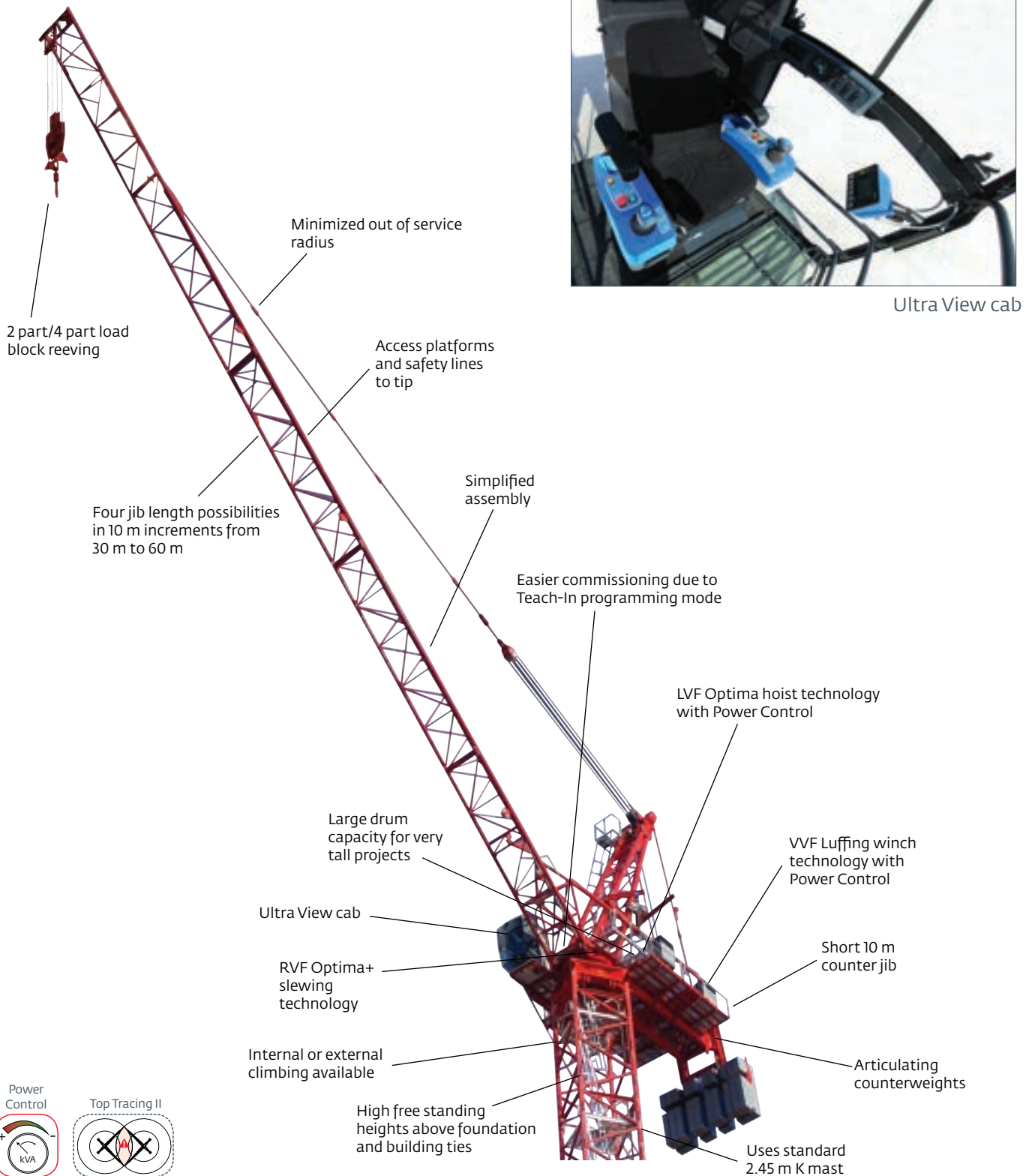
Maximum capacity: 32 t

Maximum operating hook radius: 60 m

Maximum capacity at 60 m: 9 t

Maximum line speed: 204 m/min

2 part / 4 part load block reeving



Benefits

New mechanisms

- 150/180 LVF 80 or 270/320 LVF 80 hoist options available
- 2 part / 4 part load block reeving
- Smooth movements due to frequency control technology
- Extremely accurate and reactive luffing movements through VVF technology
- Very high speed, high capacity hoist winches maximize productivity at very tall working heights
- Ultra View cab provides outstanding visibility with first-rate comfort

Smart design

- Improved technician access to mechanisms and electrical panels
- Optimized counter jib length, 10 m and articulating counterweight minimize out of service radius
- Standard service derrick allows handling of mechanism components on machinery deck
- Simplified assembly, commissioning and maintenance phases maximize uptime
- One type of counterweight 6 t used with all jib combinations
- Minimized weights for transportation and assembly of components



On-board computer

- Easier commissioning with Teach-In programming mode
- Improved man to machine interface through modern control system
- Simplified maintenance through fault stack readout
- Secured sensors and switches ensure a high level of safety
- Optional Top Tracing II (WADS + crane interface control) that informs the operator of obstructions and obstacles within the working area

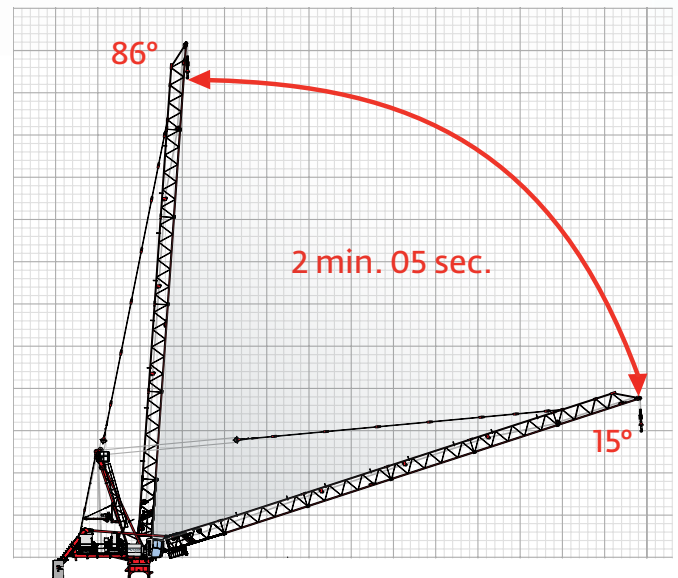
LVF Optima hoist system



Electrical network	400 V - 50 Hz		480 V - 60 Hz	
	150 LVF 80 Optima	270 LVF 80 Optima	180 LVF 80 Optima	320 LVF 80 Optima
Winch				
Max. speed	123 m/min	204 m/min	123 m/min	204 m/min
Lifted load	3.1 t	2.4 t	4.2 t	4.1 t
Drum capacity	968 m	1046 m	968 m	1046 m

- High-speed hoisting winches with large drum capacity
- Optimized speed depending on the load
- Automatic detection of the electrical network
- Power Control function for reduced electrical demand
- No gearbox

VVF luffing system



RVF Optima+ slewing system

- Slewing speeds up to 1 rpm



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